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PLAN FOR THE UNIFORM MAPPING OF EARTH RESOURCES AND
ENVIRONMENTAL COMPLEXES FROM SKYLAB IMAGERY

EREP INVESTIGATION #510

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Period Covered: April 1, 1974 to January 31, 1975

Contract Number: NAS 9-13286

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Monthly Plans and Progress Report

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OVERALL STATUS

Essentially all aspects of this project were placed in limbo because of non-receipt of essential data for the period April 1, 1974 through December 31, 1974. With receipt of 190A and 190B data the project was again activated about January 1, 1975. There were some working inefficiencies associated with this long period of inactivity.

Natural Vegetation Analog Study

This phase of the study was the first reactivated. All of the available Skylab data were screened in the month of January and selections made of the few frame locations that will be used in the balance of the investigation. We attempted to select frames where we have a maximum of overlapping data for all systems. Because of variation in operable passes and cloud cover, we were not able to achieve an ideal stacking that will permit comparison of all systems in a single location. This also will introduce some inefficiencies and duplication of certain tasks in multiple locations. We do have comparative locations between the two regions and some opportunity to work with multirate Skylab data.

We are currently in the process of locating all ground truth points in the effective areas covered by the selected Skylab images. This will be the basis for image characterization, interpretation mapping and testing with the available Skylab data.

Rice Analog Studies

This phase of the project is just now being reactivated. No new information is reportable at this date.

PLANS FOR NEXT REPORTING PERIOD

Plans will be adjusted and rescheduled in relation to usable data actually on hand and work will then move ahead according to plan. We have not yet received our color composites from the 192 data, but we still hope these will be received in time for some comparative work.

TRAVEL PLANS

No travel is planned.

PERSONNEL

Early in the period of inactivity Dennis Jaques and Steve Daus resigned to accept other employment. This has necessitated breaking in new people on the project. The current staff scientist now assigned to the project is Bill Myers, and Jeannie Kalivoda, staff technician, is continuing on the project.

PROBLEMS

Aside from the inefficiencies and cost of breaking new people in to the project as support staff, the only remaining problem of consequence is the predicted mid-March 1975 delivery date for the last of our 192 data.